



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. 10237

Application of:

RAMESH, B.

Group Art Unit: 2167

Serial No. 10/038,849

Examiner: Susan F. Rayyan

Filed: December 31, 2001

For: **OPTIMIZING AN OUTER JOIN OPERATION USING A BITMAP INDEX  
STRUCTURE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97(b)(4)**

In accordance with 37 CFR §1.97(b)(4) with regard to the above-named application, enclosed please find a copy of Form PTO/SB/08a entitled "Information Disclosure Statement By Applicant" for consideration by the Office.

Respectfully submitted,

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**CERTIFICATION OF MAILING UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 3-4-2005.

By: Sallie Spicer  
Name: Sallie Spicer

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 1 of 2

**Complete if Known**

Application Number	10/038,849
Filing Date	December 31, 2001
First Named Inventor	RAMESH, B.
Art Unit	2167
Examiner Name	Susan F. Rayyan
Attorney Docket Number	10237

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*(Use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	10/038,849
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<i>Filing Date</i>	December 31, 2001
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<i>First Named Inventor</i>	RAMESH. B.
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Art Unit	2167
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Examiner Name	Susan F. Rayvan
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Attorney Docket Number	10237
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Sheet	2	of	2
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## NON PATENT LITERATURE DOCUMENTS

Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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